

Application No. 10/653,500

AIDT 1006-1

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Kathryn Marley

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of Inventor:

Len L. Mizrah

Application No. **10/653,500**

Filed: **02 September 2003**

Title: **Key Conversion Method for
Communication Session Encryption
and Authentication System**

Group Art Unit: unknown

Examiner: unknown

CUSTOMER NO. 22470

Commissioner for Patents
P.O. Box 1450
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INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. §1.56

Sir:

It is requested that the information identified in this statement be considered by the Examiner and made of record in the above-identified application. This statement is not intended to represent that a search has been made or that the information cited in the statement is, or is considered to be, material to patentability as defined in 37 C.F.R. 1.56.

Enclosed with this statement is a Form PTO-SB/08. The Examiner is requested to initial the form and return it to the undersigned in accordance with M.P.E.P. 609.

Also enclosed with this statement is a copy of each cited document as required by 37 C.F.R. 1.98.

This statement should be considered under 37 C.F.R. 1.97(b) because it is being filed within three months of the filing date of an application other than a continued prosecution application under 37 C.F.R. 1.53(d).

Fee Authorization. The Commissioner is hereby authorized to charge underpayment of any additional fees or credit any overpayment associated with this communication to Deposit Account No. 50-0869 (AIDT 1006-1). A duplicate copy of this authorization is enclosed.

Respectfully submitted,

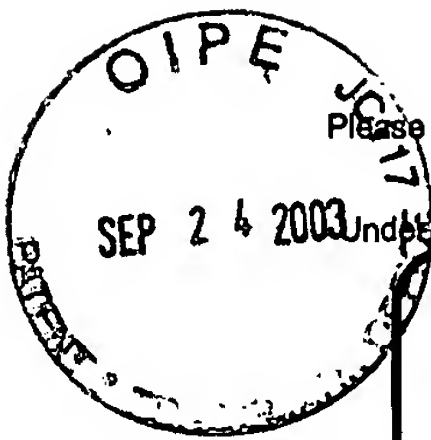
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Date: 19 Sept 2003

By: Mark A. Haynes

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Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				Complete If Known	
				Application Number	10/653,500
				Filing Date	02 September 2003
				First Named Inventor	Len L. Mizrah
				Group Art Unit	
				Examiner Name	
Sheet	1	of	3	Attorney Docket Number	AIDT 1006-1

U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
	A1	4,200,770		Hellman et al.	04-29-1980	
	A2	5,241,599		Bellovin et al.	08-31-1993	
	A3	5,434,918		Kung et al.	07-18-1995	
	A4	5,841,871		Pinkas	11-24-1998	
	A5	5,872,917		Hellman	02-16-1999	
	A6	6,058,480		Brown	05-02-2000	
	A7	6,076,163		Hoffstein et al.	06-13-2000	
	A8	6,085,320		Kaliski, Jr.	07-04-2000	
	A9	6,105,133		Fielder et al.	08-15-2000	
	A10	6,161,185		Guthrie et al.	12-12-2000	
	A11	6,170,058		Kausik	01-02-2001	
	A12	6,189,098		Kaliski, Jr.	02-13-2001	
	A13	6,199,113		Alegre et al.	03-06-2001	
	A14	6,226,383		Jablon	05-01-2000	
	A15	6,230,269		Spies et al.	05-08-2001	
	A16	6,367,010		Venkatram et al.	04-02-2002	
	A17	6,377, 691		Swift et al.	04-23-2002	
	A18	6,393,127		Vogler	05-21-2002	
	A19	6,487,667		Brown	11-26-2002	
	A20	2002/0095507		Jerdonek	07-18-2002	

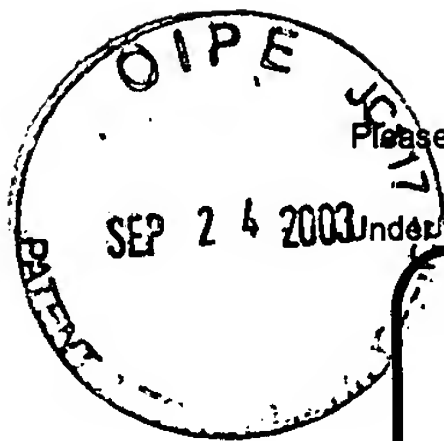
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Examiner Initials*	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Office ³	Number ⁴	Kind Code ⁵ (If known)				
	B1							
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	B10							

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			Application Number	10/653,500	
			Filing Date	02 September 2003	
			First Named Inventor	Len L. Mizrah	
			Group Art Unit		
			Examiner Name		
			Attorney Docket Number	AIDT 1006-1	
Sheet	2	of	3		

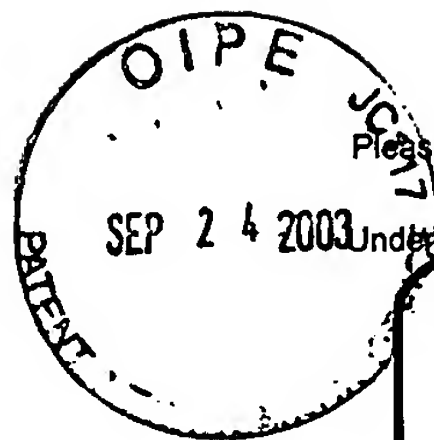
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Examiner Initials ¹	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	C1	BELLOVIN, STEVEN M., et al., "Limitations of the Kerberos Authentication System," USENIX, Winter 1991, Dallas, Texas, 1-16 (A version of this paper was published in October 1990 in Computer Communications Review).	
	C2	DIFFIE, WHITFIELD, et al., "New Directions in Cryptography," IEEE Transactions on Information Theory, Vol. IT-22, No. 6, Nov. 1976, 644-654.	
	C3	Federal Information Processing Standards Publication (FIPS) 46-3, "Data Encryption Standard (DES)," 25 October 1999, 18 pages.	
	C4	Federal Information Processing Standards Publication (FIPS) 180-1, "Secure Hash Standard," 17 April 1995, 18 pages.	
	C5	NOAKES-FRY, KRISTEN, "Public-Key Infrastructure: Technology Overview," DPRO-90693, Gartner Technology Overview, 20 May 2003, 18 pages.	
	C6	PARK, STEPHEN K., et al., "Random Number Generators: Good Ones are Hard to Find," Communications of the ACM 31(10), October 1988, 1192-1201.	
	C7	WHEATMAN, V., "Public-Key Infrastructure Q&A," Gartner Research Note, 13 November 2002, 5 pages.	
	C8	PESCATORE, JOHN, "Another Microsoft Security Flaw Threatens Users' Trust," FT-17-8896, Gartner FirstTake, 15 August 2002, 2 pages.	
	C9	PESCATORE, J., et al., "Secure Sockets Layer Sometimes Isn't," Gartner Research Note, 3 April 2002, 4 pages.	
	C10	RIVEST, R., RFC 1320, "The MD4 Message-Digest Algorithm," MIT Laboratory for Computer Science and RSA Data Security, Inc., April 1992, 20 pages.	
	C11	RIVEST, R., RFC 1321, "The MD5 Message-Digest Algorithm," MIT Laboratory for Computer Science and RSA Data Security, Inc., April 1992, 22 pages.	

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 3 of 3

Complete If Known

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First Named Inventor	Len L. Mizrah
Group Art Unit	
Examiner Name	
Attorney Docket Number	AIDT 1006-1

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS

Examiner Initials ¹	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	C12	LLOYD, B, et al., RFC 1334, "PPP Authentication Protocols," L&A and Daydreamer, October 1992, 14 pages.	
	C13	KOHL, J., et al., RFC 1510, "The Kerberos Network Authentication Service (V5)," Digital Equipment Corporation and ISI, September 1993, 97 pages.	
	C14	SCHNEIER, BRUCE, "Applied Cryptography," Second Ed. John Wiley and Sons, Inc. (1996), 233-560.	
	C15	SMITH, K., RFC 1934, "Ascend's Multilink Protocol Plus (MP+)," Ascend Communications, April 1996, 37 pages.	
	C16	FIELDING, R., et al., RFC 2068, "Hypertext Transfer Protocol – HTTP/1.1," UC Irvine, DEC, MIT/LCS, January 1997, 134 pages.	
	C17	ZORN, G., RFC 2759, "Microsoft PPP CHAP Extensions, Version 2," Microsoft Corporation, January 2000, 16 pages.	

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